

Sleek good looks and high quality optical design are blended together in the competitively priced Chevin Plus T5 range. Developed from the extremely popular Chevin Plus T8 range this luminaire has the benefit of a post powder coat finished housing and louvres located by shootbolts for positive retention. Single and twin lamp versions of both High Efficiency (HE) and High Output (HO) are available and the product is supplied complete with lamp/s. All models are offered with a 3 hour fully integral emergency option to further emphasise this aesthetically pleasing design.

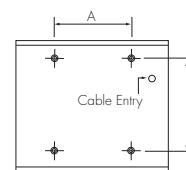
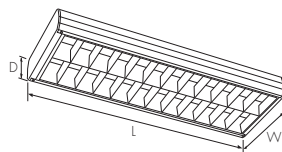
- Slim and attractive profile
- Positive location, shootbolt louvre retention
- F Marked as standard
- Fully integral emergency options
- Choice of T5 lamp type (HE) and (HO)
- Supplied complete with lamp/s

## Catalogue Numbers

Lamp Rating	Lamp Type	Gear Option	Cat No	Weight (kg)	Emergency Cat No	Weight (kg)
1 x 28W	HE	High Frequency	CVX128Z	5.0	EBCVX128Z	5.9
2 x 28W	HE	High Frequency	CVX228Z	6.0	EBCVX228Z	6.9
1 x 54W	HO	High Frequency	CVX154Z	5.0	EBCVX154Z	5.9
2 x 54W	HO	High Frequency	CVX254Z	6.0	EBCVX254Z	6.9
1 x 28W	HE	DSI Digital Dim	CVX128RD	5.0	EBCVX128RD	5.9
2 x 28W	HE	DSI Digital Dim	CVX228RD	6.0	EBCVX228RD	6.9
1 x 54W	HO	DSI Digital Dim	CVX154RD	5.0	EBCVX154RD	5.9
2 x 54W	HO	DSI Digital Dim	CVX254RD	6.0	EBCVX254RD	6.9
1 x 35W	HE	High Frequency	CVX135Z	6.0	EBCVX135Z	6.9
2 x 35W	HE	High Frequency	CVX235Z	7.0	EBCVX235Z	7.9
1 x 49W	HO	High Frequency	CVX149Z	6.0	EBCVX149Z	6.9
2 x 49W	HO	High Frequency	CVX249Z	7.0	EBCVX249Z	7.9
1 x 35W	HE	DSI Digital Dim	CVX135RD	6.0	EBVCX135RD	6.9
2 x 35W	HE	DSI Digital Dim	CVX235RD	7.0	EBVCX235RD	7.9
1 x 49W	HO	DSI Digital Dim	CVX149RD	6.0	EBVCX149RD	6.9
2 x 49W	HO	DSI Digital Dim	CVX249RD	7.0	EBVCX249RD	7.9

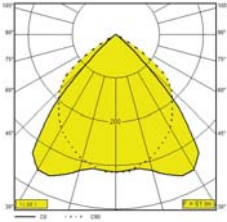
## Dimensions

Lamp Rating	L (mm)	W (mm)	D (mm)	A	B
1 x 28W	1253	176	82	900	70
2 x 28W	1253	176	82	900	70
1 x 54W	1253	176	82	900	70
2 x 54W	1253	176	82	900	70
1 x 35W	1553	176	82	900	70
2 x 35W	1553	176	82	900	70
1 x 49W	1553	176	82	900	70
2 x 49W	1553	176	82	900	70



# Photometric Data & Fast Calculation Tables

Cat No. CVX135Z



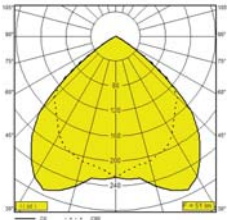
LOR: 0.61  
 ULOR: 0.00  
 DLOR: 0.61  
 SHR nom: 1.50  
 SHR max: 1.72

Utilisation Factors/TM5											
Reflectances			Room Index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
70	50	20	41	48	52	55	58	61	62	64	65
	30		37	44	48	51	55	58	60	62	64
	10		34	41	45	49	53	56	58	61	63
50	50	20	40	46	50	53	56	59	60	62	63
	30		37	43	47	50	54	57	58	60	62
	10		34	41	45	48	52	55	57	59	61
30	50	20	39	45	49	52	55	57	58	60	61
	30		36	43	46	49	53	55	57	59	60
	10		34	40	44	47	51	54	55	58	59
0	0	0	33	39	43	46	49	51	53	55	56
BZ-class			2	2	2	2	2	2	2	2	2

1 x 35w 1450mm T5 HE / 3300 lm										
Illuminance (lx)	Height (m)	Room size (m2)								
		20	30	40	50	70	80	90	100	
300	1.65	5	6	8	9	13	14	16	17	
	2.15	5	7	8	10	13	15	17	18	
	2.65	6	7	9	11	14	16	17	19	
500	1.65	7	10	13	15	21	23	26	28	
	2.15	8	11	14	17	22	25	27	30	
	2.65	9	12	15	18	23	26	29	31	
1000	1.65	14	20	25	30	41	46	51	56	
	2.15	16	21	27	33	44	49	54	59	
	2.65	18	24	29	35	46	51	57	62	

Reflectances: 80/50/30, Maintenance factor: 0.8

Cat No. CVX235Z



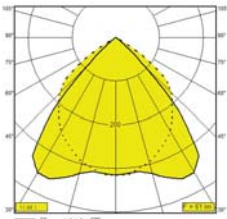
LOR: 0.51  
 ULOR: 0.00  
 DLOR: 0.51  
 SHR nom: 1.75  
 SHR max: 1.83

Utilisation Factors/TM5											
Reflectances			Room Index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
70	50	20	N/A	45	48	49	52	53	54	55	56
	30		N/A	43	45	47	50	52	53	54	55
	10		N/A	41	44	46	48	50	51	53	54
50	50	20	N/A	44	47	48	50	52	52	54	54
	30		N/A	42	45	46	49	50	51	53	53
	10		N/A	40	43	45	48	49	50	52	53
30	50	20	N/A	43	46	47	49	50	51	52	52
	30		N/A	42	44	46	48	49	50	51	52
	10		N/A	40	43	44	47	48	49	50	51
0	0	0	N/A	39	41	43	45	46	47	48	49
BZ-class			1	1	1	1	1	1	1	1	1

2 x 35w 1450mm T5 HE / 6600 lm										
Illuminance (lx)	Height (m)	Room size (m2)								
		20	30	40	50	70	80	90	100	
300	1.65	3	4	5	6	8	9	10	10	
	2.15	3	4	5	6	8	9	10	11	
	2.65	4	5	6	7	9	10	11	12	
500	1.65	5	6	8	10	13	14	16	17	
	2.15	5	7	9	10	14	15	17	18	
	2.65	6	8	9	11	14	16	18	19	
1000	1.65	9	12	15	19	25	28	31	34	
	2.15	10	13	17	20	27	30	33	36	
	2.65	11	15	18	22	28	32	35	38	

Reflectances: 80/50/30, Maintenance factor: 0.8

Cat No. CVX149Z



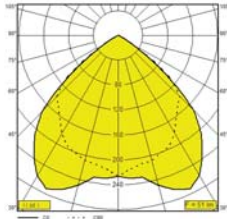
LOR: 0.61  
 ULOR: 0.00  
 DLOR: 0.61  
 SHR nom: 1.50  
 SHR max: 1.72

Utilisation Factors/TM5											
Reflectances			Room Index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
70	50	20	41	48	52	55	58	61	62	64	65
	30		37	44	48	51	55	58	60	62	64
	10		34	41	45	49	53	56	58	61	63
50	50	20	40	46	50	53	56	59	60	62	63
	30		37	43	47	50	54	57	58	60	62
	10		34	41	45	48	52	55	57	59	61
30	50	20	39	45	49	52	55	57	58	60	61
	30		36	43	46	49	53	55	57	59	60
	10		34	40	44	47	51	54	55	58	59
0	0	0	33	39	43	46	49	51	53	55	56
BZ-class			2	2	2	2	2	2	2	2	2

1 x 49w 1450mm T5 HO / 4300 lm										
Illuminance (lx)	Height (m)	Room size (m2)								
		20	30	40	50	70	80	90	100	
300	1.65	4	5	6	7	10	11	12	13	
	2.15	4	5	7	8	10	12	13	14	
	2.65	4	6	7	8	11	12	14	15	
500	1.65	6	8	10	12	16	18	20	22	
	2.15	6	9	11	13	17	19	21	23	
	2.65	7	9	12	14	18	20	22	24	
1000	1.65	11	15	19	24	31	35	39	43	
	2.15	12	17	21	25	34	38	42	46	
	2.65	14	18	23	27	35	40	44	48	

Reflectances: 80/50/30, Maintenance factor: 0.8

Cat No. CVX249Z



LOR: 0.51  
 ULOR: 0.00  
 DLOR: 0.51  
 SHR nom: 1.75  
 SHR max: 1.83

Utilisation Factors/TM5											
Reflectances			Room Index								
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
70	50	20	N/A	45	48	49	52	53	54	55	56
	30		N/A	43	45	47	50	52	53	54	55
	10		N/A	41	44	46	48	50	51	53	54
50	50	20	N/A	44	47	48	50	52	52	54	54
	30		N/A	42	45	46	49	50	51	53	53
	10		N/A	40	43	45	48	49	50	52	53
30	50	20	N/A	43	46	47	49	50	51	52	52
	30		N/A	42	44	46	48	49	50	51	52
	10		N/A	40	43	44	47	48	49	50	51
0	0	0	N/A	39	41	43	45	46	47	48	49
BZ-class			1	1	1	1	1	1	1	1	1

2 x 49w 1450mm T5 HO / 8600 lm										
Illuminance (lx)	Height (m)	Room size (m2)								
		20	30	40	50	70	80	90	100	
300	1.65	2	3	4	5	6	7	7	8	
	2.15	3	3	4	5	7	7	8	9	
	2.65	3	4	5	5	7	8	8	9	
500	1.65	4	5	6	7	10	11	12	13	
	2.15	4	5	7	8	11	12	13	14	
	2.65	5	6	7	9	11	12	14	15	
1000	1.65	7	9	12	14	19	22	24	26	
	2.15	8	10	13	15	21	23	25	28	
	2.65	9	12	14	17	22	24	27	29	

Reflectances: 80/50/30, Maintenance factor: 0.8

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